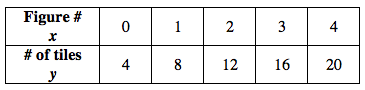
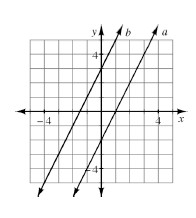


**2-31.** Does the table below appear to represent a function?  If so, write an equation using function notation that represents the table.  If not, explain why it cannot represent a function.



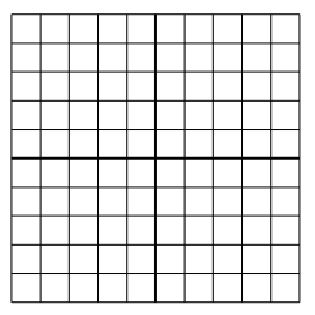
**2-32.** When Yoshi graphed the lines *y* = 2*x* + 3 and *y* = 2*x* − 2, she got the graph shown at right.

* 1. One of the lines at right matches the equation

*y* = 2*x* + 3, and the other matches *y* = 2*x* − 2. Which line matches which equation?

* 1. Yoshi wants to add the line *y* = 2*x* + 1 to her graph. Predict where it would lie and sketch a graph to show its position.  Justify your prediction.
  2. Where would the line *y* = −2*x* + 1 lie? Again, justify your prediction and add the graph of this line to your graph from part (b).

**2-33.** On graph paper, graph a line with *y*-intercept (0, −4) and *x*-intercept (3, 0). Find the equation of the line.



**2-34.** Draw Figures 1, 2, and 3 for a tile pattern that could be described by *y* = −3*x* + 10.  

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**2-35.** What number is not part of the domain of http://textbooks.cpm.org/images/cca/chap02/cca_ch2_less_2.1.3_2-35.gif?  How can you tell?